

PATENT
Attorney Docket No. 401303/SOGA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

SHIGEKI YAMAKAWA

Application No. Unknown

Filed: July 19, 2001

For: ELEVATOR SYSTEM

Art Unit: Unknown

Examiner: Unknown

AMENDMENTS TO SPECIFICATION, CLAIMS AND
ABSTRACT MADE VIA PRELIMINARY AMENDMENT

Amendments to the paragraph beginning at page 3, line 5:

Fig. 4 is a plan view of the hoistway as viewed from ~~the above of~~ the elevator hoistway of the second embodiment of the present invention;

Amendments to the paragraph beginning at page 3, line 8:

Fig. 6 is a plan view of the hoistway as viewed from ~~the above of~~ the elevator hoistway of the elevator system shown in Fig. 5.

Amendments to existing claims:

1. (Amended) An elevator system comprising;
a hoistway including a hoistway wall and a bottom portion, said hoistway wall including a protrusion ~~of a building structural member or an equipment attached to the building wall, said protrusion~~ projecting from said hoistway wall ~~toward the inside of~~ said hoistway;
a vertical moving member ascending and descending the hoistway ~~without~~ along a direction and not interfering with said protrusion ~~including~~; and
a control panel for controlling ~~the~~ movement of said vertical moving member, said control panel being disposed within said hoistway and ~~in an overlapping relationship~~ with a projected region of said protrusion, projected in the direction of movement of said vertical moving member.

2. (Amended) The elevator system as claimed in claim 1 wherein said control panel is positioned above an opening ~~portion~~ in the hoistway wall for providing ~~an~~ access to said hoistway.

3. (Amended) The elevator system as claimed in claim ~~1~~ 2 wherein said opening ~~portion~~ in said hoistway wall ~~provided for the entrance to the hoistway is provided with~~ includes a landing floor door mechanism for opening and closing said opening portion, and said control panel is installed above said landing floor door mechanism.

4. (Amended) The elevator system as claimed in claim 1 ~~wherein~~ including a vertical moving member ~~is provided~~ with a door mechanism for engaging ~~with~~ a landing floor door mechanism for opening and closing an opening portion, ~~and~~, wherein said control panel ~~is disposed at a position~~ at least partly ~~overlapping with~~ overlaps a projected region of said vertical moving member door mechanism projected in the direction of movement of said vertical moving member and above ~~the~~ a highest position of said vertical moving member within said hoistway.

Amendments to the abstract:

ABSTRACT

An elevator system ~~comprises~~ includes a hoistway ~~(1)~~ including a hoistway wall and a bottom portion, the hoistway wall including a protrusion ~~of a building structural member (16) or an equipment (14) attached to the building wall, the protrusion~~ projecting from the hoistway wall ~~toward the inside of the hoistway~~, a vertical moving member ~~(1)~~ ascending and descending the hoistway without interfering with the protrusion ~~including~~, and a control panel ~~(6)~~ for controlling the movement of the vertical moving member, the control panel being disposed within the hoistway and in an overlapping relationship with a projected region of the protrusion, projected in the direction of movement of the vertical moving member. ~~Therefore, the~~ The space within the hoistway ~~can be~~ is efficiently utilized and ~~the elevator system of easy maintenance can be~~ of the elevator system is provided.